

ABSTRACT

5 The present invention is provided with an increase
profit calculating apparatus (122) which simulates
increase profit according to a commercial article
proposal, an inferiority phenomena countermeasure
guiding apparatus (123) which proposes a commercial
article so as to solve a problem, a commercial article
proposal supporting section (102) having a commercial
10 article catalog output apparatus (121), a commercial
article database (105) having shape/material
quality/commercial article data of product groups
classified on the basis of pattern shapes of products,
a product automatic designing apparatus (product
15 parameter setting apparatus) (132) which designs a
product corresponding to a product specification
required using pattern shape data parametrically, a
machining possibility calculating apparatus (133) which
simulates whether or not a designed product is capable
20 of being machined, an estimate creating section (103)
having an estimate information output apparatus, and an
order reception information creating apparatus (104).